

FIG. 1

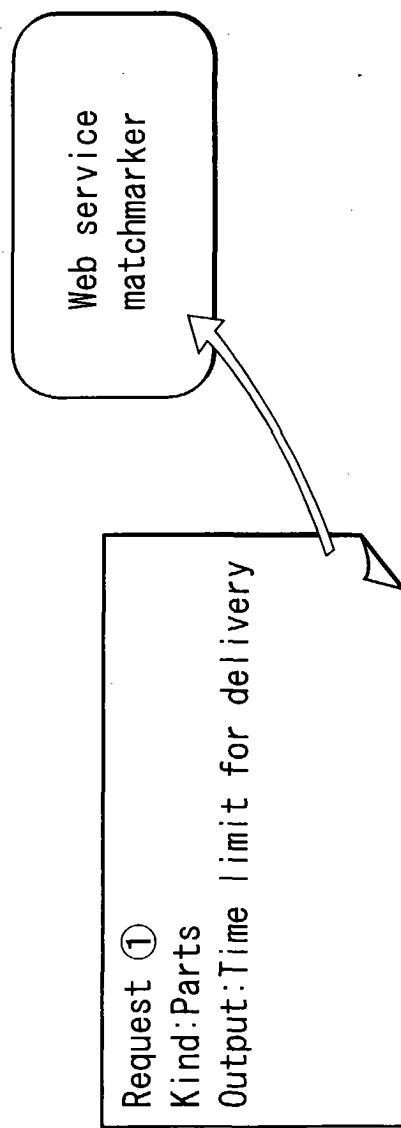


FIG. 2

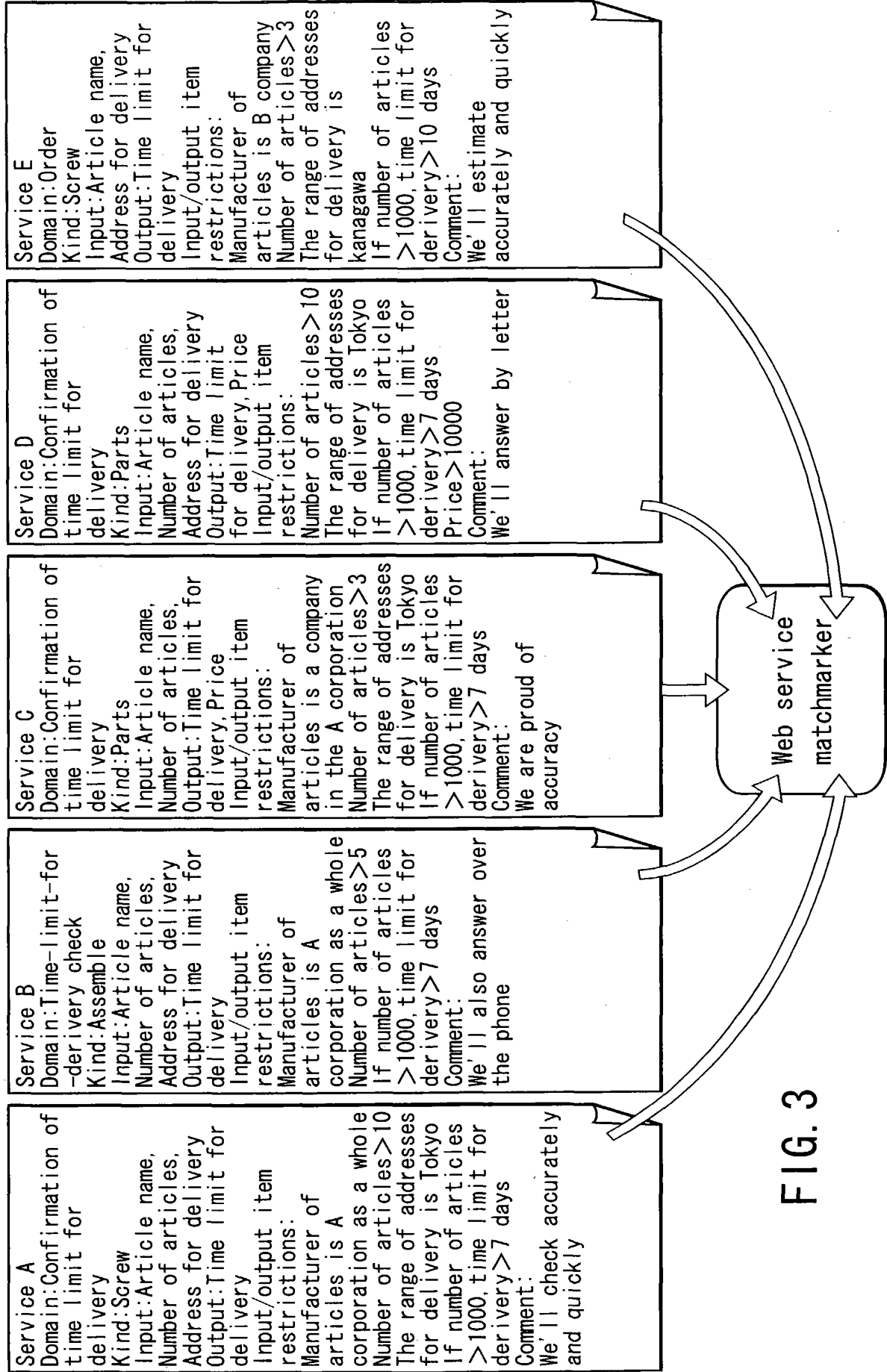


FIG. 3

Domain checking		Domain name	Category
Domain checking		Confirmation of time limit for delivery	Confirmation of time limit for delivery
		Time-limit-for-delivery checking	Confirmation of time limit for delivery
		Confirmation of time limit for delivery	Confirmation of time limit for delivery
		Order	Order
		Order	Order
		Keyword	Frequency of appearance
Comment checking		Accurate	3
		Quick	2
		Document	1
		Telephone	1
Input/output items		Input item	Frequency of appearance
		Article name	5
		Number of articles	4
		Address for delivery	4
Input/output restrictions		Items	Frequency of appearance
		Number of articles	5
		Time limit for delivery	5
		Article name	4
		Address for delivery	4
		Price	1

Domain checking section output

Frequency-of-appearance-of-comment-keywords checking section output (specified number=1)

Frequency-of-appearance-of-input/output-items checking section output (specified number=1)

Input-output restrictions checking section output (specified number=1)

FIG. 4

Domain item	Confirmation of time limit	
(Either)	for delivery	
	Order	
Keyword	Accurate	
(Isn't there any interesting word ?)	Quick	
Input items and restrictions	Input item	Example of restriction(or restrictions if any)
(Isn't there any restriction to be	Article name	Manufacturer
specified as a possible input item ?)	Number of articles	Minimum number of articles
	Address for delivery	Range
Output items and restrictions	Output item	Restriction
(Isn't there any restriction to be	(Time limit for delivery)	Earliest time limit for delivery
specified as a desired output item ?)	Price	

FIG. 5

Request ①
Domain: Confirmation of time limit for delivery
Kind: Parts
Input: Article name, Number of articles, address for delivery
Output: Time limit for delivery
Conditions:
Manufacturer of articles is Toshiba TEC
Number of articles > 5
The range of addresses for delivery is a metropolitan area
If number of articles > 1000, time limit for delivery > 7 days
Keyword: Accurate

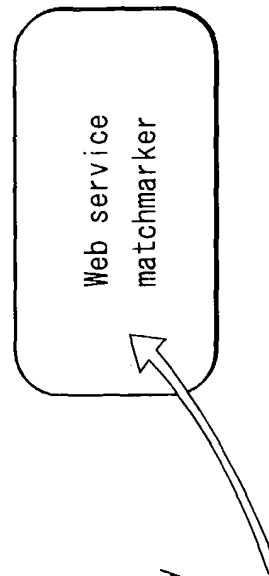


FIG. 6

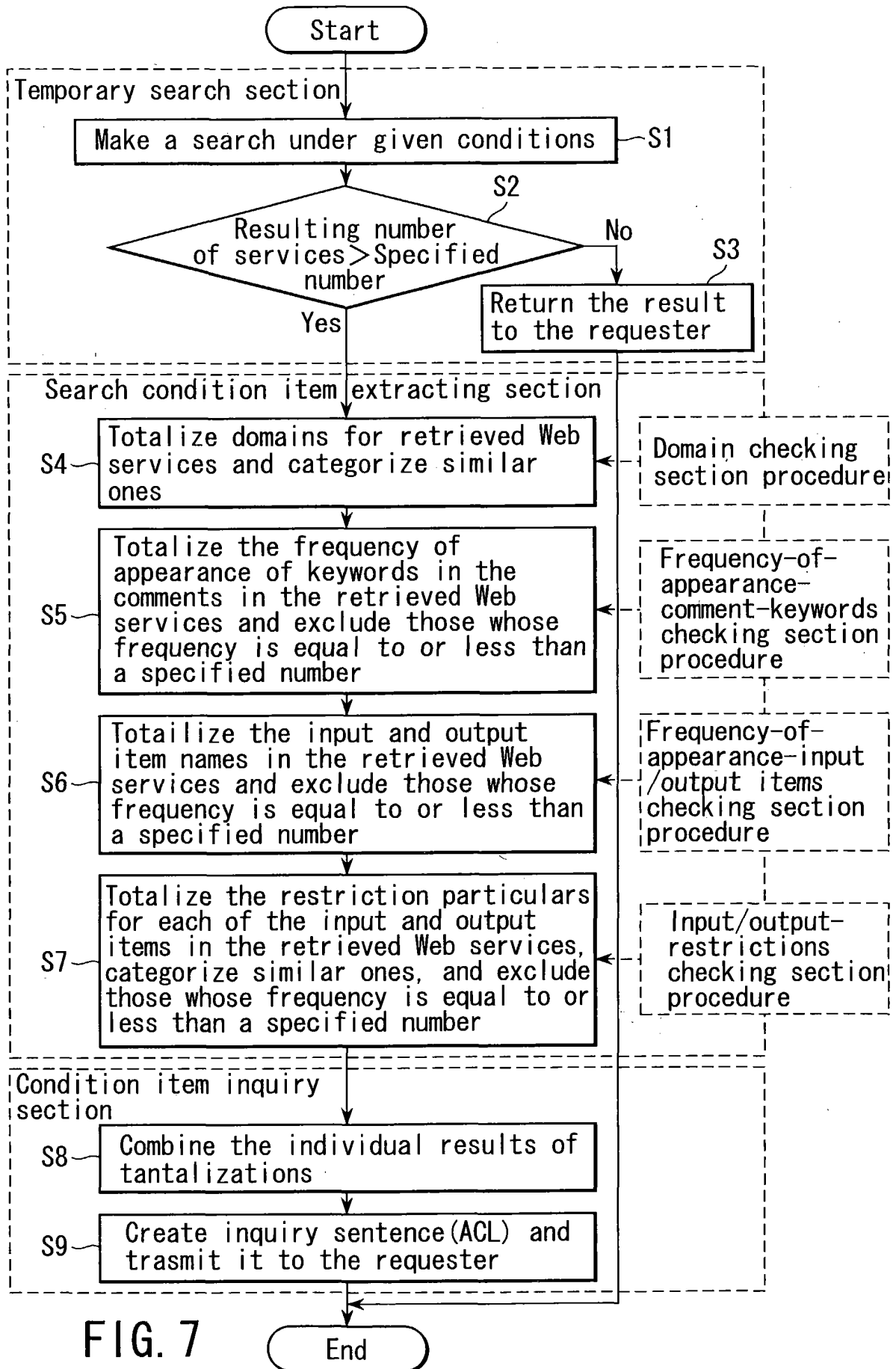


FIG. 7

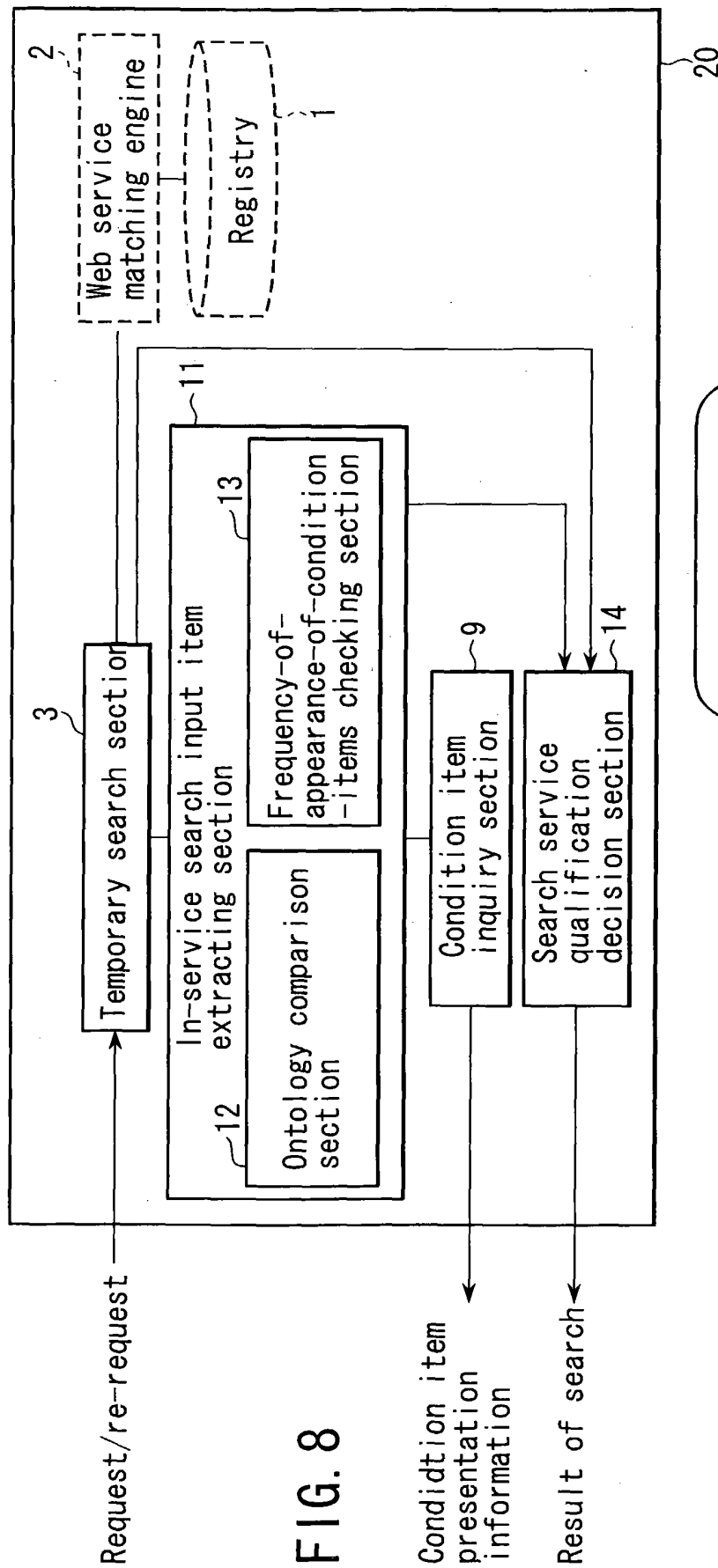


FIG. 8

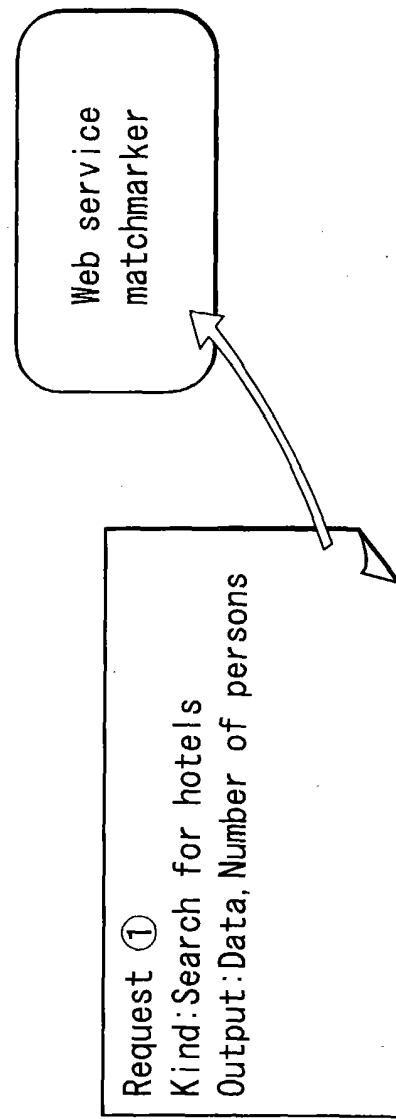


FIG. 9

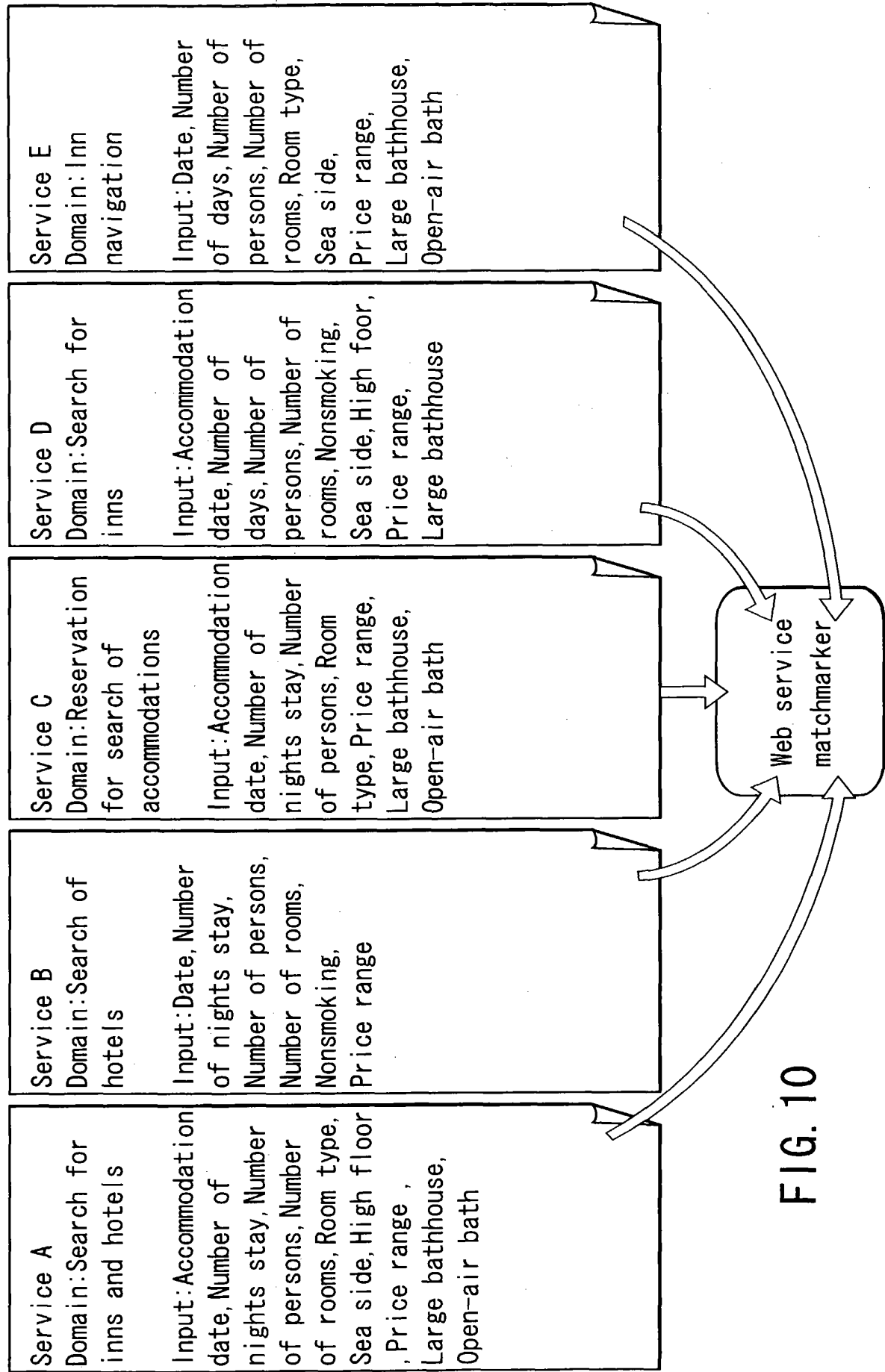
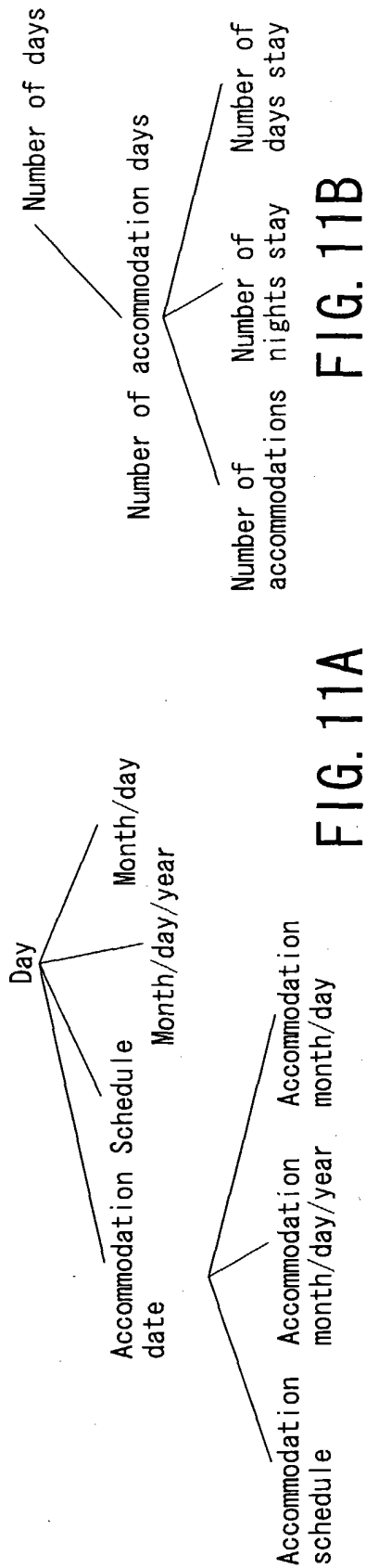


FIG. 10



Service A	Service B	Service C	Service D	Service E
Accommodation date	Accommodation date	Accommodation date	Accommodation date	Accommodation date
Date	Date	Date	Date	Date
Number of nights stay	Number of nights stay	Number of nights stay	Number of nights stay	Number of nights stay
Number of persons	Number of persons	Number of persons	Number of persons	Number of persons
Number of rooms	Number of rooms	Number of rooms	Number of rooms	Number of rooms
Room type	Room type	Room type	Room type	Room type
Nonsmoking	Nonsmoking	Nonsmoking	Nonsmoking	Nonsmoking
Sea side	Sea side	Sea side	Sea side	Sea side
High floor	High floor	High floor	High floor	High floor
Price range	Price range	Price range	Price range	Price range
Large bath	Large bath	Large bath	Large bath	Large bath
Open-air bath	Open-air bath	Open-air bath	Open-air bath	Open-air bath

FIG. 12

Service A	Service B	Service C	Service D	Service E
Accommodation date	Date	Accommodation date	Accommodation date	Date
Number of nights stay	Number of nights stay	Number of nights stay	Number of days	Number of days
Number of persons	Number of persons	Number of persons	Number of persons	Number of persons
Number of rooms	Number of rooms	Number of rooms	Number of rooms	Number of rooms
Room type	Room type	Room type	Room type	Room type
Sea side	Nonsmoking		Nonsmoking	
High floor			Sea side	Sea side
Price range	Price range	Price range	High floor	
Large bath		Large bath	Price range	Price range
Open-air bath		Open-air bath	Large bath	Large bath
			Open-air bath	Open-air bath

FIG. 13

Service A	Service B	Service C	Service D	Service E	Frequency of appearance
Accommodation date	Date	Accommodation date	Accommodation date	Accommodation date	5
Number of nights stay	Number of nights stay	Number of nights stay	Number of days	Number of days	5
Number of persons	Number of persons	Number of persons	Number of persons	Number of persons	5
Number of rooms	Number of rooms	Number of rooms	Number of rooms	Number of rooms	4
Room type	Room type	Room type	Room type	Room type	3
Sea side	Nonsmoking	Nonsmoking	Sea side	Sea side	2
High floor		Sea side	High floor		3
Price range	Price range	Price range	Price range	Price range	2
Large bath	Large bath	Large bath	Large bath	Large bath	5
Open-air bath	Open-air bath	Open-air bath	Open-air bath	Open-air bath	4

FIG. 14

FIG. 15

Day
Number of days
Number of persons
Number of rooms
Room type
Nonsmoking
Sea side
Hight floor
Price range
Large bath
Open-air bath

Request ①
 Kind: Search of inns and hotels

 Input: Day, Number of days,
 Number of persons,
 See side, High floor,
 Open-air bath

Web service
 matchmaker

FIG. 16

Service A	Service B	Service C	Service D	Service E
6	3	4	5	5

FIG. 17

Ranking	Service name
1	Service A
2	Service D
2	Service E
4	Service C
5	Service B

FIG. 18

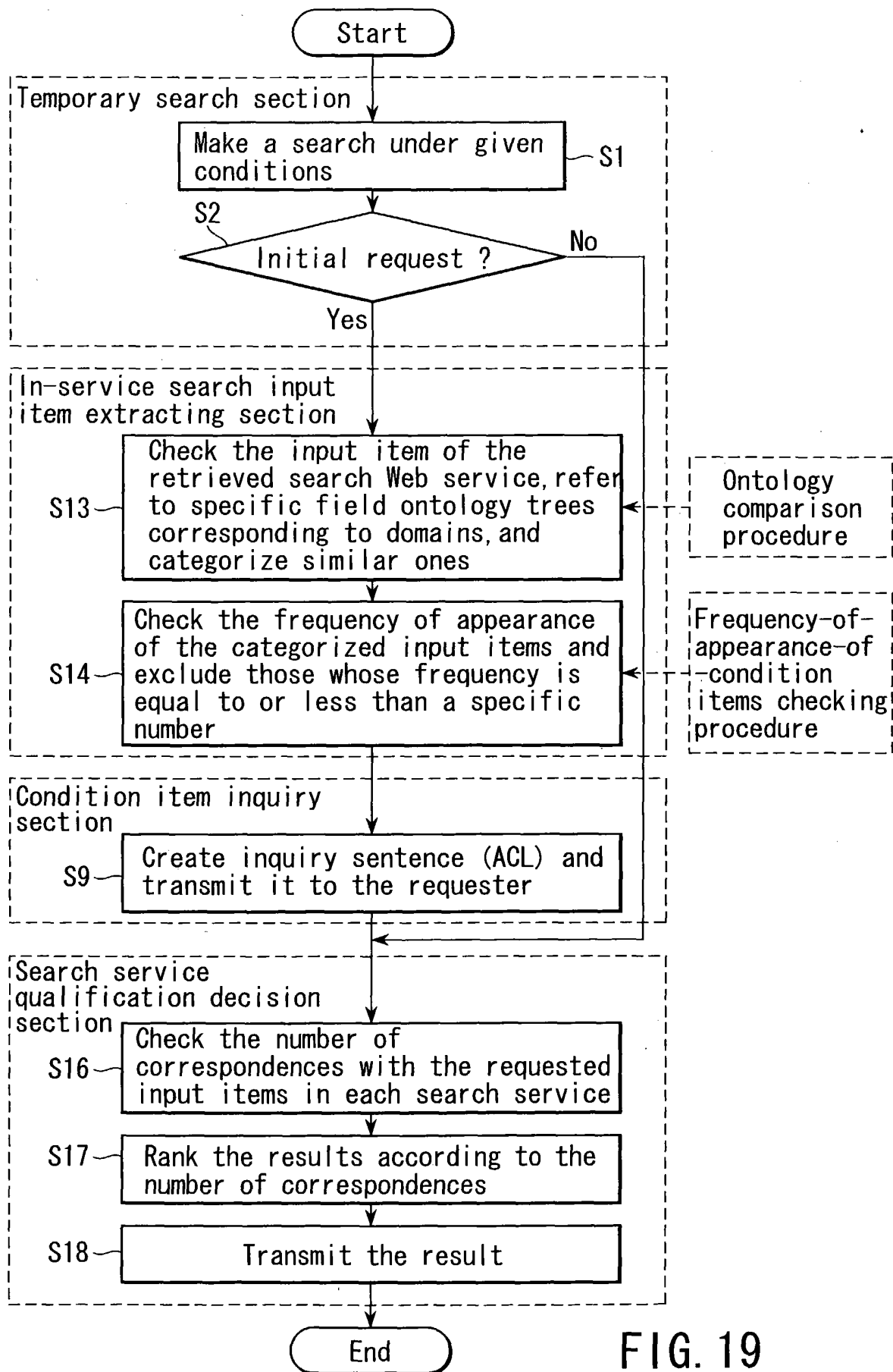


FIG. 19